



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/C
6/4/04

In re Application of:

Fontana, Jr. et al

Serial No.: 10/054,352

Filed: 01/18/2002

For: HIGH LINEAR DENSITY TUNNEL
JUNCTION FLUX GUIDE READ HEAD
WITH IN-STACK LONGITUDINAL
BIAS STACK (LBS)

)
)
) Group No.: 2652
)
) Examiner: William Joseph Klimowicz
)
) Docket No. SJO920000114US1
)
)
)
)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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Sir:

SUBSTITUTE AMENDMENT

In response to the Office Action dated 04/27/2004 please accept this "Substitute Amendment" for the amendment filed 3/11/2004.

05/26/2004 WABDELRI 00000151 502587 10054352
01 FC:1201 172.00 DA
02 FC:1202 108.00 DA

Please type a plus (+) sign inside this box -



PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. omf 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of

information unless it displays a valid OMB control number.

PIPE MAY 24 2004 TRADEMARK	TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>		
	Application Number	10/054,352	
	Filing Date	01/18/2002	
	First Named Inventor	Fontana Jr. et al	
	Examiner Name	William Joseph Klimowicz	
Group Art Unit		2652	
Total Number of Pages in This Submission	12+ postcard	Attorney Docket Number	SJO920000114US1

ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☒ Response/Substitute Amendment

☐ After Final

☐ Preliminary Amendment

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Supplemental Information Disclosure Statement

☐ PTO Form 1449

☐ () cited references

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ PTO Form 1533

☐ Response to Missing Parts Under 37 CFR 1.52 or 1.53

☐ Assignment w/Recordation Sheet

☐ Drawing(s)

☐ Request for Drawing Amendment

☐ Licensing-related Papers

☐ Petition Checklist and Accompanying Petition

☐ To Convert a Provisional Application

☐ Power of Attorney, Revocation

☐ Change of Correspondence Address

☐ Terminal Disclaimer

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Additional Enclosure(s) (please identify below):

POSTCARD

Remarks:

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20190
Signature	
Date	May 18, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P. O. Box 1450, Alexandria, V 22313-1450 on this date: May 18, 2004

Typed or printed name	Ervin F. Johnston		
Signature		Date	May 18, 2004

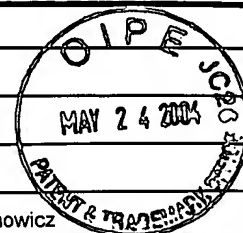


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FEE TRANSMITTALPatent fees are subject to annual revision on October 1.
These are the fees effective November 10, 1998.Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12
See 37 C.F.R. §§ 1.27 and 1.28

Complete If Known

Application Number	10/054,352
Filing Date	01/18/2002
First Named Inventor	Fontana Jr. et al
Examiner Name	William Joseph Klimowicz
Group / Art Unit	2652
Attorney Docket No.	SJO920000114US1

TOTAL AMOUNT OF PAYMENT (\$)**280.00****METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:Deposit Account Number 50-2587
Deposit Account Name Hitachi Global Storage Technologies☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)2. ☐ Payment Enclosed:☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 770	201 385	Utility filing fee	
106 340	206 170	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 385	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
39	33**	64 x 18	108.00
7	5**	2 x 86	172.00
Multiple Dependent Claims			

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 290	204 145	Multiple dependent claim	
109 86	209 43	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**280.00****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	Request for reexamination	
112 920	112 920	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 420	216 210	Extension for response within second month	
117 950	217 475	Extension for response within third month	
118 1,480	218 740	Extension for response within fourth month	
128 2,010	228 1,005	Extension for response within fifth month	
119 330	219 165	Notice of Appeal	
120 330	220 165	Filing a brief in support of an appeal	
121 290	221 145	Request for oral hearing	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,330	241 665	Petition to revive unintentionally abandoned application	
142 1,330	242 665	Utility issue fee (or reissue)	
143 480	243 240	Design issue fee	
144 640	315 320	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
146 770	246 385	Filing a submission after final rejection (37 CFR 1.129(a))	
179 770	249 385	Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify)
Other fee (specify)
Other fee (specify)
Other fee (specify)Terminal Disclaimer
Application for Patent Term Adjustment
Certificate of Correction

SUBTOTAL (3) (\$)

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*Reduced by Basic Filing Fee Paid

SUBMITTED BYTyped or Printed Name Ervin F. JohnstonSignature Ervin F. Johnston**COMPLETE (if applicable)**Reg. Number 20,190Date May 18, 2004